

With Med. Off. of Health
Crosby.

THE
URBAN DISTRICT COUNCIL
OF
GREAT CROSBY.

ANNUAL REPORTS
OF THE
MEDICAL OFFICER OF HEALTH
AND
SURVEYOR
FOR THE YEAR 1894.

LIVERPOOL:

The Central Stationery and Printing Company, Limited, North John Street.

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ANNUAL REPORT
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MEDICAL OFFICER OF HEALTH
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THE CHAIRMAN AND MEMBERS
OF THE
Urban District Council of Great Crosby.

GENTLEMEN,

I have much pleasure in presenting you with my Twenty-first Annual Report as to the health and sanitary state of the district during the past year.

The following is a tabular statement of all the infectious cases notified to me, with the localities in which they occurred.

Table of Infectious Diseases Notified.

SCARLET FEVER:	Cases Notified.	Deaths.	No. sent to Hospital.
Abbotsford Road	1		
Blundellsands Road, W.	1		
Blundellsands Road, E.	4		
Burbo Bank Road	2		
Byron Road	1		
Cook's Road	1		
Cavendish Road	2		
Chesterfield Road	4		
Endbutt Lane	1		
Eshe Road	1		
Fairholme Road	2	1	
Harlech Road	2		
Kilnyard Road	3		
Queen's Road	2		
Rossett Road	3		
Shaftesbury Road	1		
Tinkler's Cottages	1		
Victoria Road	4		2
	36	2	2

TYPHOID FEVER:—

	Cases Notified.	Died.	No. sent to Hospital.
Alma Vale	2		
Alexandra Road	1		
Blundellsands Road	1		
Burbo Bank Road	1		I
Brighton Read	1		I
Byron Road	1		I
Cavendish Road	1		I
Cambridge Road	1		I
Cyprus Vale	1		I
Fairholme Road	1		I
Hornby Street	1		I
Liverpool Road	3	I	I
Nicholas Road	1		I
Queen's Road	1		I
Rossett Road	1	I	I
Victoria Road	2	I	I
Endbutt Lane	1		
	21	3	7

ERYSIPelas:—

Brighton Road	I		
Byron Road	I		
Clementina Road	I		
Rossett Road	2		
Serpentine Road, S.	I		
Victoria Road	2	I	
	8	I	0

MEASLES:—

Alexandra Road	I		
Blundellsands Road, W.	I		
Blundellsands Road, E.	I		
Merrilock's Road	4		
Nicholas Road	2		
Serpentine Road, S.	2		
Shaftesbury Road	I		
Cavendish Road	I		
Tinkler's Cottages	I		
	14	0	0
Totals	79	6	9

The total number of cases notified was 79, as against 110 in the previous year; of these 70 recovered, 6 died at their own houses, and 9 were sent to hospital; of which latter 3 died.

SCARLET FEVER.

Thirty-six cases of this disease were notified to me, as against 59 in the previous year; 2 of these died at their own houses, 2 were sent to hospital, where 1 died.

TYPHOID FEVER.

Twenty-one cases of this disease occurred, as against 27 in the year previous; 3 died at home, 7 were sent to hospital, of whom 2 died.

ERYSIPelas.

Eight cases were notified to me; there was 1 death from this cause.

MEASLES.

Fourteen cases of measles were notified; no death from this disease.

Health of District at end of the Year.

During the last three months of the year but few cases of infectious disease occurred, which I consider very hopeful for the future, as every precaution has been taken by constant flushing of the sewers and house drains to prevent infectious disease.

Inspection of the District.

During the year I have, in company with Mr. Wilson, made many systematic inspections, and also I have visited many premises where nuisances have been reported to exist.

The Inspector has made a tabulated statement of these, and the action taken for their abatement, to which I beg to refer you.

Birth and Death Rate.

From the District Registrar's returns it will be seen that 157 births were registered, giving a birth rate of 22.36. In 1893 the number was 166, a birth rate of 24.04 per 1000.

Birth rate for past 11 years.

1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894
22.34	29.92	27.12	24.63	28.46	20.77	24.08	21.71	21.31	24.04	22.36

Average Birth Rate for the Eleven Years=24.24.

The deaths registered during the year were 71, being a death rate from all causes of 10.11. In 1893 there were 74 deaths, shewing a death rate of 10.71 per 1000. Twenty-one of these deaths were of children under 5 years, as against 17 in 1893, and of these 15 were infants under 1 year, 44 were of persons over 60 years of age.

Death Rate from all causes for past 11 years.

1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894
12.19	13.43	16.86	12.07	10.81	10.80	13.66	16.09	10.43	10.71	10.11

Average Death Rate for the Eleven Years=12.46.

Deaths from Zymotic Diseases.

Infectious diseases caused 12 deaths, being a death rate of 1.70. In the previous year 10 deaths occurred from these causes, giving a death rate of 1.73.

The cause of the 12 deaths was Scarlet Fever, 2; Typhoid Fever, 3; Erysipelas, 1; Whooping Cough, 4; and Diarrhoea, 2.

I have the honour to be,

Mr. Chairman and Gentlemen,

Your obedient Servant,

W. S. LIMRICK,

Medical Officer of Health.

FEBRUARY 27th, 1895.

SURVEYOR'S REPORT.

GREAT CROSBY,

February 27th, 1895.

TO THE CHAIRMAN AND MEMBERS
OF THE URBAN DISTRICT COUNCIL OF GREAT CROSBY.

GENTLEMEN,

I have pleasure in submitting for your perusal my NINTH ANNUAL REPORT upon the various works carried out by the late Local Board in the Surveyor and Inspector's Department.

To enable the usual comparisons to be drawn between this and former years, the details are, as far as possible, submitted in statistical form.

Sanitary Improvements.

The various Sanitary improvements that have been carried out, under the guidance of the Medical Officer of Health, being Scheduled below.

Notices Served.

156	under Section 94 P.H.A. 1875.	for "Abatement of Nuisances."		
1	,,	23	,,	New System of Drainage.

Total 157 Notices, and Sundry Letter Notices.

As hitherto, a considerable percentage of these Notices are of a comprehensive character, and apply to several lots of premises, while General Notices, in the shape of handbills or posters, have been placed throughout the District, calling upon persons to cleanse Ditches, Watercourses, &c., and to remove offensive accumulations and the repair of dangerous fences, walls, &c.

Result of above Notices.

The actual Improvements carried out, under the foregoing notices, being as follow :—

Description of the Sanitary Amendment.

Reference No.	PRIVY	DEFECTS.	No. Amended
1	Foul privies converted into (complete)	properly-constructed Water Closets	30
2	Privy roofs made good		18
3	Premises without a privy or ashpit, and suitable accommodation provided		1

ASHPIITS.

4	Ashpits deep and foul, filled to ground level and properly paved	..	21
5	Ashpits provided with suitable doors	.. .. ..	10

WATER CLOSET DEFECTS.

6	“Container” or Pan Closets, replaced by approved W.C.’s	..	..	5
7	Defective and broken W.C. basins replaced ..	..	..	21
8	W.C.’s foul, cleansed .. .. .. .. ..	..	..	3
9	“ rejointed .. .. .. .. ..	..	..	6
10	“ having no means of constant ventilation, and same provided ..	..	..	11
11	“ provided with an efficient supply of water .. .. ..	..	..	14
12	“ “ “ separate flushing cisterns .. .. ..	..	..	3
13	“ seats defective, and made good .. .. .. ..	..	..	5

SOILPIPE DEFECTS.

14	Soilpipes insufficiently ventilated, and amended	..	..	..	8
15	", defective, and made good ..	..	..	..	11
16	Soilpipe joints with W.C. basins defective ..	..	..	..	5

WASTEPIPE DEFECTS.

17 Wastepipes untrapped and directly connected.. I
 18 ,,, defective 2

SUNDRY DEFECTS.

19	Defective systems of Drainage reconstructed (affecting many premises)	..	18
20	Drains choked, opened and properly cleaned ..	..	53
21	Defective Gullies, Bell Traps, D Traps, &c., replaced ..	..	16
22	Store Water Cisterns in a foul condition ..	..	15
23	Rain Water Cisterns, overflow disconnected ..	..	2
24	Basements of premises cleared of Sewage ..	..	2
25	Yard pavements defective and made good ..	..	19
26	Defective Eaves, Gutters, Downspouts, &c. ..	..	9
27	Basements ventilated ..	..	4
28	Swine and Animals kept within the prescribed distance of a dwelling-house	..	3
29	Accumulation of Manure, &c., removed ..	..	8
30	Foul Ditches ..	..	8

WATER SUPPLY.

31	Premises supplied with water from town's main	..	..	..	13
32	Chimneys emitting dense smoke	..	..	..	1
33	Pits in such a condition as to be a nuisance, and remedied	..	..	..	3
34	Intercepting Traps fixed on line of drain	..	..	..	13

Smoke-Testing of Drains.

To further promote the healthiness of the District, the late Board during the past year gave instructions for a Smoke-test to be applied to the Drainage system of every house where cases of infectious disease occurred, and in other places where considered advisable (or on the request of any ratepayer at a nominal charge of 5/-) and have had 43 such tests made—with the result that in almost every case some defects were disclosed—sometimes trivial but in others serious—and these defects were often of such a nature that could only be discovered by some system of pressure-testing, being quite beyond detection by the ordinary visual inspection.

Bakehouses.

The several Bakehouses have been periodically visited, and the Regulations duly enforced.

Slaughter House.

This has also received constant attention.

Dairies and Cowsheds.

All Dairies and Cowsheds within the district have been systematically and frequently visited, and the necessary compliance with the Regulations has been insisted upon.

Cases Placed in the Solicitor's hands.

The late Board placed some cases in the Solicitor's hands, to enforce compliance with notices for abatement of various nuisances, and he has in all cases first written the Defaulters, and if necessary, issued Summons against them.

Disinfection.

The following Table gives the particulars of the outbreaks of Infectious Diseases in which the Board have disinfected the bedding, &c.

No. of times the stove has been used (34) for the following cases :—

Scarlet Fever.	Typhoid.	Smallpox.	Diphtheria.	Total.
27	7			34

Altogether 95 rooms have been well fumigated with sulphur, and the bedding, &c., taken to the Stoves and subjected to the dry heat process, the following being the list of articles so disinfected :—

Beds	101
Mattresses	122
Pieces of Bedding, Bolsters, &c.	707
Wearing Apparel	10
Carpets, Rugs and Curtains	123
	—
Total Pieces	1063
	—

Mortuary.

The Mortuary has been used once only during the year—in the case of a body found on the beach. Verdict of Jury being “Found Dead.”

SURVEYOR'S DEPARTMENT.

Labour.

The sum of £1,381 1s. 6d. has been paid by the Surveyor on “Wages Account” during the year for the following purposes :— Salary to Assistant Surveyor, Wages to Lamplighters, Ordinary Labourers and Office-keeper, extra Cart hire, Smithwork and Fire Brigade. The nett increase on the preceding year being £40 3s. 10d.

The following Table shows the comparative cost of labour for the last ten years :—

1885	..	..	..	..	£752	8	1
1886	..	..	..	..	674	5	2
1887	..	..	..	..	786	15	6
1888	..	..	..	..	896	4	9
1889	..	..	..	..	909	6	3
1890	..	..	..	..	1,049	13	2
1891	..	..	..	..	1,054	7	10
1892	..	..	..	..	1,213	8	7
1893	..	..	..	..	1,340	17	8
1894	..	..	..	..	1,381	1	6

Extra Team Labour.

The following Table shows the number of days (at one horse, cart, and man per day) upon which extra Team Labour has been employed by the Board, and the relative cost of this work for the last six years:—

1889			1890			1891			1892			1893			1894		
No. of Days	Cost per Day	£ s. d.	No. of Days	Cost per Day	£ s. d.	No. of Days	Cost per Day	£ s. d.	No. of Days	Cost per Day	£ s. d.	No. of Days	Cost per Day	£ s. d.	No. of Days	Cost per Day	£ s. d.
112½	7/-	39 7 6	169½	7/-	59 6 6	202½	7/-	70 17 6	51	7/-	17 17 0	202½	7/6	75 18 9	51½	7/6	19 6 3
...	...	...	...	...	...	...	...	...	2	9/-	0 18 0	...	...	...	182	...	...
...	...	...	...	...	...	...	...	...	265¾	7/6	99 12 10	...	...	...	...	7/-	63 14 0
112½	..	39 7 6	169½	..	59 6 6	202½	..	70 17 6	318½	..	118 7 10	202½	..	75 18 9	233½	..	83 0 3

Highway Repairs.

The following table shows the Expenditure upon the three Classes of Roads, and also upon Special Improvement of Main Road:—

Main Roads	..	..	..	£	37	0	4	4
Secondary Roads	..	..	..		17	7	4	
Other Roads	..	..	..		225	3	8	
				£	612	15	4	
Moor Lane (Main Road) Special Improvement					39	18	7	
				£	652	13	11	

The County contribute towards the two former classes, but the last one, "Other Roads," is solely dependent upon the local rates.

The Special Improvements of Main Road being the subject of Special Grants from the County Council.

The comparative cost with last year being, 1893 .. £845 15 5
 1894 .. £652 13 11

Main Roads.

In the early portion of the year a small deputation attended a meeting of the Main Road's Committee at the County Offices, Preston, and laid a scheme for the improvement of Liverpool Road before the

County Authorities, but no grant in aid was given during the past year. The question has been re-submitted in the estimates for the ensuing year (1895—6).

The County, however, granted a very considerable share of the cost of re-forming the eastern end of Moor Lane from Chesterfield Road to the boundary, and this year it is hoped to continue the improvement to Forefield Lane, upon satisfactory terms being arranged with the County as to the amount of the grant.

General Works.

The following table shows the relative cost of the several works termed "General Works," during the past seven years, as per monthly Statements and Ledger, so far as the Surveyor's Departmental Expenditure is concerned.

Description of Work.	1888.	1889.	1890.	1891.	1892.	1893.	1894.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Lighting (Wages)	118 18 0	116 15 6	119 11 5	122 11 6	118 6 6	125 8 5	124 19 3
Scavenging (,, ,)	214 11 7	237 10 9	282 19 3	266 11 9	368 15 1	341 3 3	302 2 5
Sewerage	330 15 2	406 17 6	427 17 10	416 16 1	619 16 5	511 9 3	699 14 0
Private Works (repayable)	16 18 2	17 19 7	19 1 11	14 6 7	6 8 9	60 0 2	20 12 1
Establishment and Salary	73 15 9	114 3 6	131 5 2	132 8 8	128 8 10	144 0 9	141 19 1
Sanitation (Wages)	3 8 10	5 0 9	17 7 0	12 12 6	3 19 6	31 2 0	19 3 7
Contingencies— Smithwork, &c.	26 7 3	4 14 1	32 2 8	46 14 11	4 16 2	—	0 0 4
Loan Account (Wages)	—	—	—	—	—	—	25 14 0
Fire Brigade Maintenance	—	—	—	—	—	—	107 1 8
Fire Brigade (Instalment for new Steamer)	—	—	—	—	—	—	45 0 0
Totals.....	784 14 9	903 1 8	1030 15 3	1012 2 3	1250 11 3	1213 3 10	1486 6 5

Summary of Expenditure in Surveyor's Department.

Highways (Main, Secondary and other Roads)	£ 612 15 4	£ s. d.
Highway Improvements (special grant)	..	39 18 7
		652 13 11
General Works, as per above Schedule	..	..
Gas Account for year	..	..
Total	..	£ 2600 6 1

Houses Occupied and Unoccupied, also Rateable Values and Receipts.

The following Table gives the estimated number of Occupied and Unoccupied Houses each year, also the Rateable Values and where allocated, together with the actual Receipts and source of Revenue.

For the purposes of this Table, the centre of College Road is taken as the boundary between Crosby and Blundellsands, being the line of demarcation used for Postal, Parochial, and other arrangements.

Year.	THROUGHOUT DISTRICT.		WHERE SUCH RATEABLE VALUE SITUATED.		ACTUAL RECEIPTS EACH YEAR FROM		Total Annual Receipts from Rates.		
	No. of Houses Occupied.	No. of Houses Unoccupied.	Crosby.	Blundell-sands.	Railways, Gas & Water Mains, & Telephones.	Crosby.	Blundell-sands.	Railways, Gas & Water Mains, & Telephones.	
1886	1058	112	£ 35562	£ 16355	£ 17948	£ 2234	£ 2088	£ 133	4456
1887	1045	159	35732	16511	18277	12	52291	10	4307
1888	1035	190	35908	16434	18507	16	82239	2	44321
1889	1086	148	36143	16684	18492	18	2101	17	13615
1890	1126	111	35804	16547	18290	4	966	5	5145
1891	1167	89	35815	16276	18563	0	976	5	5266
1892	1207	54	35900	16183	18747	11	0	2287	10
1893	1221	40	36153	16383	18800	12	0	12	25375
1894	1223	48	36611	16702	18902	0	1006	15	15493
1895			37072	16946	19092	2	0	1034	15

Plans Submitted.

Sixteen sets of Plans have been submitted to the Board for approval during the year, as against 16 last year and 19 the preceding year.

Ashpits.

During the past few years the Board have developed the periodical inspection and emptying of all Ashpits, &c., at frequent intervals, thus reducing the danger to health that arises from accumulations of decomposing matter near dwelling-houses.

The following Table shows the number of Privies, Ashpits, and Dustbins emptied during the past ten years, together with the total cost per annum, and the average cost per ashpit emptied.

Year.	Number of Ashpits Emptied.	Loads Removed.		Total Loads.	Total Contract Price for the Work.	Average Cost per Ashpit Emptied.	
		Dry.	Privy.			s.	d.
1885	1181	—	—	—	157 0 5	2	7.90
1886	1267	—	—	—	155 0 0	2	5.36
1887	1368	1172	600	1772	165 0 0	2	4.94
1888	1748	1231	751	1982	200 0 0	2	3.45
1889	1974	1546	769	2315	220 9 0	2	2.74
1890	2252	1828	632	2460	205 0 0	1	9.84
1891	2264	2021	535	2556	175 0 0	1	6.55
1892	2268	1961	414	2376	225 0 0	1	11.80
1893	3365	2587	273	2860	235 0 0	1	4.76
1894	3067	2507½	319	2826½	240 0 0	1	6.78

Public Lighting.

The following Table shows the number of Lamps lighted during the past ten years, together with the cost of Gas, Lamp-lighting, and maintenance, and the average cost per Lamp each year:—

Year.	No. of Lamps.	Cost of Gas.	Cost of Lighting, Painting, Maintenance, New Columns, &c.	Total Cost.	Average Cost per Lamp for Gas, per annum.			Total Average Cost per Lamp, per annum.		
					£	s.	d.	£	s.	d.
1885	197	282 6 1	186 7 7	468 13 8	1	8	7.92	2	7	6.47
1886	202	261 0 6	163 13 6	424 14 0	1	5	10.12	2	2	0.59
1887	207	285 17 2	147 12 2	433 9 4	1	7	7.43	2	1	10.57
1888	212	264 13 3	184 13 9	449 7 0	1	4	11.61	2	2	4.69
1889	215	278 9 4	136 5 10	414 15 2	1	5	10.86	1	18	6.98
1890	223	346 18 1	199 9 4	546 7 5	1	11	1.34	2	9	0.26
1891	224	382 2 5	132 16 9	514 19 2	1	14	1.41	2	5	11.69
1892	229	431 15 2	168 6 3	600 1 5	1	17	8.49	2	12	4.89
1893	231	431 8 4	173 15 0	605 3 4	1	17	4.22	2	12	4.74
1894	233	461 5 9	148 15 1	607 13 3	1	19	7.14	2	12	1.91

Sewer Cleansing and Flushing.

It will be seen from the following details that the late Board has again paid special attention to the cleansing and flushing of all the Sewers in the district, in addition to the flushing of the house drains.

The estimated weight of deposit removed during the year was 687½ tons, against 669¾ tons the preceding year.

The flushing of the house drains disclosed some 53 stoppages. The removal of such defects must have a very beneficial result on the drainage system of the district generally, and assist in maintaining the healthiness of the locality as a residential suburb.

The following Table gives the actual result of the systematic
Cleansing and Flushing throughout the District:—

WHERE SEWERS SITUATED.	SEWER CLEANSING AND FLUSHING.							HOUSE DRAIN FLUSHING.				
	No. of Small Van Loads of Water used.	No. of Large Tank Loads of Water used.	No. of Buckets of Deposit removed from Manholes.	No. of Buckets of Deposit removed by Scraping with Chains	Total No. of Buckets (60 lbs. of Deposit removed.	No. of Times Valve Flushed.	No. of Premises, &c. where Drains were flushed	No. of Minutes Water actually running.	No. of Stoppages removed by Board's Staff.	No. of Stoppages where Notices were served.	Total No. of top- pages in House Drains disclosed by the flush- ing and remedied.	
Abbotsford Road	91	12	3	Clean	14	101						
Agnes Road	83	—	98	—	6	34						
Alexandra Road	21	61	15	—	34	160						
Alma Vale	38	—	35	55	90	26	78½					
Burbo Bank Road	8	137	3	309	312	11	13	134				
“ Sewer across Hills and Golf-ground leading to Junction	—	—	1213	904	2117	—						
Burbo Bank Road South	1	47	—	Clean	—	3	30					
Brighton Road & Passages	56	3	22	Clean	22	—	52	83			2	
Byron Road	49	—	—	—	—	—	15	40			1	
Blundellsands Road East	13	144	5	534	539	5	25	174			1	
“ West	8	93	23	455	478	8	20	171			4	
Bridge Road	5	19	—	225	1802	11	12	45				
Bond's Lane	35	—	65	580	645	—	18	43½				
Brighton Vale & Passages	—	—	628	—	628	—	7	19			1	
Cavendish Road	44	—	84	—	84	23	33	167				
College Road	—	—	294	68	362	10	33	188				
Chesterfield Road	—	—	—	—	—	—	3	11				
Church Road	19	2	78	Clean	78	—	4	13				
“ Plaee	—	—	—	—	—	—	—	—				
College Avenue	16	11	—	—	—	—	8	48				
Clementina Road	43	—	—	358	11032	—	3	22				
Cambridge Rd. & Outlet Sewer	—	—	10674	—	—	—	14	55			2	
Cook's Road	21	—	—	—	—	—	17	53½				
Cook's Lane	—	—	28	Clean	28	—	5	16				
Cyprus Vale	—	—	—	—	—	—	24	57				
Dow Hills Road	—	—	34	Clean	34	1	1	13				
Endbutt Lane	—	—	—	—	—	—	12	88				
Eshe Road	91	21	—	Clean	—	—	18	67			1	
Fairholme Road	2	—	—	Clean	—	—	4	14				
Gerrard's Gardens	—	—	—	—	—	—	—	—				
The Grove	20	20	1	Clean	81	—	—	—				
Harlech Road	7	—	—	Clean	1	19	25	146				
Hornby Street	24	—	44	Clean	Clean	—	8	16½				
Islington	20	—	—	Clean	44	—	32	69				
Kenilworth Road	—	—	—	—	—	—	2	16				
Kilnary Rd., Sawyer's Cottages & Passages	43	29	26	—	26	—	39	72			2	
Langans Place	13	—	—	—	—	—	7	15½				
Little Crosby Road	21	1	49	—	49	—	6	15				
Liverpool Road	14	85	310	421	731	2	82	496			4	
Lune Street and Passages	19	—	—	—	—	—	13	26				
Lupton's Cottages	—	—	—	—	—	—	4	7½				
Myer's Road East	28	—	314	198	512	—	7	38				
“ West	19	—	—	—	—	—	14	76			1	
Moor Lane	9	9	798	390	1188	—	60	258			2	
“ Plaee	—	—	—	—	—	—	11	17				
Merriloecks Rd. South & North	—	12	668	—	663	4	27	242			3	
Mersey Road	5	13	461	221	682	—	7	56			1	
Nieholas Road	—	15	—	—	—	20	15	165			2	
“ (in Hills)	—	—	468	—	468	—	—	—				
Osbert Road	89	—	—	—	—	—	5	40				
Partridge Road	44	—	—	—	—	—	6	52				
Preselaund Road	—	—	—	—	—	—	2	13				
Queen's Road	8	15	2	19	21	—	15	91	0	1	1	
Rossett Road	11	15	3	Clean	3	19	55	247	1	1	2	
Rabbit Road	46	1	—	—	Clean	—	2	11	2	2	2	
Regent Road	88	—	—	—	—	1	25	119	4	6	6	
Richmond's Cottages	—	—	—	—	—	—	13	26	1	0	1	
Serpentine North	14	10	29	—	—	8	8	75	—	6	6	
“ South	91	—	—	Clean	29	—	25	217	4	4	6	
Shaftesbury Road	54	—	172	—	Clean	—	24	75	—	—	1	
Tinkler's Cottages	—	105	—	—	172	—	6	13	—	—	1	
Thorpe's Lane	—	—	—	—	—	—	7	10½	—	—		
The Green	—	—	—	—	—	—	7	21½	—	—		
Warren Road	44	—	—	—	Clean	—	6	48	—	—		
Warrenhouse Road	—	—	—	—	—	—	11	32	—	—		
Victoria Road	—	2	199	72	271	—	95	315½	1	1	1	
York Road	10	15	42	Clean	42	—	53	107½	2	2	2	
TOTALS.....	1395	921	18338	5017	23355	144	1148	5162	17	36	53	

In addition to the foregoing Tables of "Cleansing," "Flushing," and "Scraping with Chains," &c., the Blundellsands Tanks have been periodically emptied.

The total estimated weight of the deposit removed during the year by all processes being :—

From the Main Outlet Sewers—	23,355	buckets	=about	622	tons
„ „ Blundellsands Deposit Tank	..	..		65 $\frac{1}{2}$	tons
Estimated weight removed				687 $\frac{1}{2}$	tons

Sewerage Improvements.

The late Board followed up their policy of Sewerage Improvement and had new manholes fixed in Shaftesbury Road and adjoining passages, The Grove (Moor Lane) and Bonds Lane, so as to enable the periodical cleansing and flushing of the Sewers to be satisfactorily carried out, for in these cases it was almost impossible to do the requisite work until the manholes were provided.

VENTILATING SHAFTS.

The arrangements with the Postal Authorities to substitute several tubular iron poles for wooden ones along certain roads have been completed.

Street Improvements.—(Other than Main Roads.)

COLLEGE ROAD WIDENING.

Another strip of land for a footway on the east side of College Road was purchased and further protracted negotiations undertaken with the owner of adjoining strip, but so far the matter has not been brought to a successful issue, the owner having at one time apparently agreed to accept a certain sum ; this he eventually rejected and only assented to consider greatly enhanced figures.

ALEXANDRA ROAD (EASTERN END.)

A short length of this road near Cooks Road was put into order, and notices of final apportionment served. The whole of the cost has not yet been fully recovered from the owners.

Another length of carriage way has been formed by the owners under an agreement.

ALEXANDRA ROAD (NORTH-EAST CORNER).

A small strip of land was acquired and the fence set back, to enable a desirable improvement to be carried out; but there are still other matters on this road awaiting completion.

MERSEY ROAD.

A plot of some 511 square yards opposite to St. Nicholas' Church was acquired, the old wall removed and the foundations of a new wall put in, from Warren Road to Agnes Road. This improvement, when properly completed, will prove of great public utility.

BRIDGE ROAD.

The negotiations herein for the acquisition of certain lands have also ended in temporary failure, the terms asked by the vendors being prohibitive, and only two strips have, so far, been arranged for.

Apportionments under Private Streets Works Act.

The requisite plans, sections, estimates, specifications and provisional apportionments required by the above Act were duly prepared for the following, viz. :—

Shaftesbury Road.

York Road Passages (13 cases).

Moor Place and Passages.

Endbutt Lane, streets off (3 cases).

In the first case, the owners having paid for the requisite manholes and lamps, the late Board agreed to allow the full completion of the works to stand over for the present.

In the case of York Road passages, most of the owners have already carried out the requisite work of amending or completing the sewerage and flagging the passages; and in the few remaining cases the owners have received another reminder that, in case of further delay, the Urban Authority will have the necessary work done, and recover all costs from the owners.

In the case of Moor Place and passages. The owners offered an alternative scheme, and this work will probably be commenced at an early date, the late Board having assented to withhold the final completion (according to the notices served) if the amended scheme is properly and substantially carried out.

ENDBUTT LANE (STREETS OFF).

These notices provide merely for the "Sewering," and as the owners have submitted written objections, the matter is to be brought before a Court of Summary Jurisdiction at an early date to hear and determine the matter of all such objections.

CYPRUS VALE.

The owners had the footway and carriage way repaired in such a manner as to suspend any further action being taken by the late Board.

WARREN ROAD.

This road having been completed to the satisfaction of the late Board, notices of "adoption as a highway" were duly posted in the road.

FRANCIS ROAD.

The owners having paid the cost, a lamp was fixed and duly maintained at the eastern end of this road.

FOOTBRIDGE OVER CARR BROOK.

The late Board divided the cost of fixing a footbridge over the Carr Brook at the south-eastern boundary of Endbutt Lane, with the adjoining highway authority.

Overhanging Trees.

The usual notices were served for the pruning of such branches of trees as overhang the highway to the detriment of traffic.

Lodging Houses.

All known or reputed lodging houses were carefully examined, and a special report was submitted to the Authority.

Division of District into Wards and Elections.

The most important feature of the year's work was the division (in the early part of year) of the District into Wards and the subsequent election of the present District Council in lieu of the late Local Board, the form of voting differing materially from that previously in force, being now under the Ballot Act and the cumulative votes done away with.

Petition to County Council for Separation of District.

A petition was submitted to the County Council, suggesting the advisability of separating the Western portion of the District from the Eastern portion (a counter petition being also presented); but as the late Local Board did not agree with this proposal, they forwarded an explanatory letter to the County Authorities, pointing out that, in their opinion, the best interests of the District, as a whole, would not be served by any scheme of separation as sought by the petitioners. So far no notice has been received from the County Authorities intimating their intention to hold the requisite local inquiry.

Fire Engine.

During the year the Board called upon the makers to replace a portion of the Steam Fire Engine which had shown signs of defect. They immediately attended to the matter, being under contract to maintain free of cost for 10 years from the date of delivery anything that may prove defective through bad workmanship or materials.

The Brigade attended the Local May-day Procession for the second time.

The total number of fires attended during the year has been 10, against 8 in the preceding year; 4 were in the district and 6 beyond the boundary.

The total amount claimed for such service from Insurance Companies or owners being :—

					£	s.	d.
Mr. Glover's, Eshe Road	..	..	..	..	0	9	0
Cook's Road, Stable	..	..	..	..	0	15	0
Old Cottage, Thornton	..	..	..	..	6	5	0
Cocoa Rooms in Village	..	..	..	..	2	14	0
Mr. Hickson's, Serpentine South	..	..	..	..	2	17	6
Mr. Darwin's, Thornton (3 outbreaks)	£ 21	9	6				
	24	10	0				
	11	19	6				
					57	19	0
Mr. Tickle's (Ince Blundell)	..	..	..	..	27	8	3
Milbourne's, Lydiate	..	..	..	..	12	8	6
					£ 110	16	3

Tree Guards.

A number of trees were protected by small-gauge galvanised wire netting, instead of the usual iron guards, and apparently this has preserved them from damage as efficiently as the more costly article, though they cannot possibly last as long as the others without renewal.

Technical Classes.

The series of Classes recommenced in September, at the Halsall Girls' Schools, through the continued courtesy of the Trustees, a new feature being the Wood Carving and Modelling Class, which has proved a success.

The Ambulance Lectures have again been well attended, a number of students having gained not only the St. John Ambulance Certificates but also the Medallions, which were publicly distributed at a well attended meeting in the village in October last.

The practical Class for Ladies has again been indebted to Mrs. Dean, of "Denstone," Blundellsands Road East, for suitable accommodation, she having generously placed her house at their disposal.

The Little Crosby Authorities still pay over their grant as hitherto.

I again record my thanks to the Chairman and Members of the Council, also to the officials, for their continued courtesy and assistance.

I have the honour to remain,

Mr. Chairman and Gentlemen,

Your obedient Servant,

WATKIN HALL,

A. M. Inst. C. E., Mem. San. Inst.,

SURVEYOR AND INSPECTOR.

